MEAN WELL
SWITCHING POWER SUPPLY

PS-25 SERIES

- LOW COST, HIGH RELIABILITY
- 105℃ OUTPUT CAPACITOR
- INTERNATIONAL AC INPUT RANGE
- BUILT IN EMI FILTER, LOW RIPPLE NOISE
- HIGH EFFICIENCY, LOW WORKING TEMPERATURE
- SOFT-START CIRCUIT, LIMITING AC SURGE CURRENT
- SHORT CIRCUIT, OVERLOAD PROTECTED
- COMPACT SIZE, LIGHT WEIGHT
- 100% FULL LOAD BURN-IN TEST

MODEL / SPECIFICATION	PS-25-3.3	PS-25-5	PS-25-7.5	PS-25-12	PS-25-13.5	PS-25-15	PS-25-24	PS-25-27	PS-25-48
DC OUTPUT VOLTAGE	3.3V	5V	7.5V	12V	13.5V	15V	24V	27V	48V
OUTPUT V. TOLERANCE	±3%	±2%	±2%	±2%	±2%	±2%	±2%	±2%	±2%
OUTPUT RATED CURRENT	5A	5A	3.3A	2.1A	1.9A	1.7A	1A	0.9A	0.5A
OUTPUT CURRENT RANGE	0-5A	0-5A	0-3.3A	0-2.1A	0-1.9A	0-1.7A	0-1A	0-0.9A	0-0.5A
RIPPLE & NOISE [2]	80mVp-p	80mVp-p	80mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	100mVp-p	240mVp-p
LINE REGULATION [3]	±0.5%	±0.5%	±0.5%	±0.3%	±0.3%	±0.3%	±0.2%	±0.2%	±0.2%
LOAD REGULATION [4]	±2.5%	±2%	±2%	±1%	±1%	±1%	±0.5%	±0.5%	±0.5%
DC OUTPUT POWER	16.5W	25W	24.8W	25.2W	25.7W	25.5W	24W	24.3W	24W
EFFICIENCY	66%	74%	76%	78%	78%	78%	79%	79%	79%
DC VOLTAGE ADJ.	----------								
INPUT VOLTAGE RANGE	85～264VAC								
INPUT FREQUENCY	47～63Hz								
AC CURRENT	0.65A/115V 0.4A/230V								
INRUSH CURRENT	COLD START 40A								
OVERLOAD PROTECTION	ABOVE 105% TYPE:FOLDBACK CURRENT SHUTDOWN RECOVERY:AUTO								
OVER VOLTAGE PROTECTION	115%～135%								
OVER TEMP. PROTECTION	U1 Tj 135℃ TYPICALLY POWER SHUTDOWN								
TEMP. COEFFICIENT	±0.03% / ℃ (0～50℃)								
SETUP, RISE, HOLD UP TIME	200ms, 30ms, 17ms/115VAC 200ms, 20ms, 80ms/230VAC								
VIBRATION	10～500Hz:2G 3AXES 10min./1cycle (1 HOUR / EACH AXES)								
WITHSTAND VOLTAGE [5]	I/P-O/P:3KV I/P-FG:1.5KV 1min.								
WORKING TEMP., HUMIDITY	-10℃～+60℃, 20%～90% RH (REFER TO OUTPUT DERATING CURVE)								
STORAGE TEMP., HUMIDITY	-20℃～+85℃, 10%～95% RH								
DIMENSION	107＊61＊30mm								
WEIGHT	0.15Kgs								
SAFETY STANDARDS	UL1950, TUV EN60950 APPROVED								
EMC STANDARDS	MEET CISPR22 (EN55022) CLASS B								

NOTE : 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25℃ AMBIENT.
2.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
4.LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED LOAD.
5.C2, C3, C26, C28 MUST BE REMOVED.

Mean Well Authorized Distributor

- High Efficiency
- Low output ripple
- 100% burn in
- Short Circuit, overload, over voltage protected
- UL Approved

65 Watt single and dual output switching power supply

- Input Voltage: 85-264VAC; 120-370VDC @ 47-63Hz
- Mating input connector: P/N 104432 (p.44)
- Mating output connector: P/N 104731 (p.44)
- UL, CSA, TUV approved
- No Minimum Load Required

Part Number	Product Number	Watts	Output	Size (lxwxh) in.	Weight	1-9	10-24
148620	PS-65-5	60.0	5V@12A	5x3x1.6		34.95	31.49
148638	PS-65-12	62.4	12V@5.2A	5x3x1.6		34.95	31.49
148646	PS-65-24	64.8	24V@2.7A	5x3x1.6		34.95	31.49
148662	PD-65A	61.1	5V@5.5A 12V@2.8A	5x3x1.6		34.95	31.49
148654	PT-65B	63.5	5V@5.5A 12V@2.5A	5x3x1.6		37.95	33.95

25 Watt single and dual output switching power supply

- Input Voltage: 85-246VAC @ 47-63Hz
- Mating input connector: P/N 104432 (p.44)
- Mating output connector: P/N 104715 (p.44)
- UL, CSA, TUV approved
- No minimum load required

Part Number	Product Number	Watts	Outputs	Size (lxwxh) in.	Weight	1-9	10-24
148591	PS-25-5	25.0	5V@5A	4.2x2.4x1.2		27.95	24.95
148603	PS-25-12	25.2	12V@2.1A	4.2x2.4x1.2		27.95	24.95
148611	PS-25-24	24.0	24V@1A	4.2x2.4x1.2		27.95	24.95
148671	PD-25A	24.9	5V@2.1A 12V@1.2A	4.2x2.4x1.2		27.95	24.95
148689	PD-25-12	24.0	12V@1A -12V@1A	4.2x2.4x1.2		27.95	24.95